

PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Kimio AKIYAMA, et al.

Appln. No.: National Stage of PCT/JP 01/04202

Confirmation No.: NOT YET ASSIGNED

Group Art Unit: NOT YET ASSIGNED

Filed: January 22, 2002

Examiner: NOT YET ASSIGNED

For: ORGANIC ELECTROLUMINESCENT DEVICE AND LIGHT-EMITTING MATERIAL

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please enter the following amended claims:

3. (Amended) An organic electroluminescent device comprising an anode, a light-emitting layer as claimed in claim 1 and a cathode in this order.
4. (Amended) An organic electroluminescent device comprising an anode, a hole transport layer, a light-emitting layer as claimed in claim 1, an electron transport layer and a cathode in this order.
5. (Amended) The organic electroluminescent device as claimed in claim 1, wherein the light emission from said second organic compound is fluorescence.

PRELIMINARY AMENDMENT

U.S. Application Serial No.: National Stage of PCT JP01/04202

6. (Amended) The organic electroluminescent device as claimed in claim 1, wherein said first organic compound is a transition metal complex.

7. (Amended) The organic electroluminescent device as claimed in claim 1, wherein said first organic compound is a rare earth metal complex.

10. (Amended) The light-emitting material as claimed in claim 8, wherein the light emission from said second organic compound is fluorescence.

11. (Amended) The light-emitting material as claimed in claim 8, wherein said first organic compound is a transition metal complex.

12. (Amended) The light-emitting material as claimed in claim 8, wherein said first organic compound is a rare earth metal complex.

**Please add the following new claims:**

13. (New) An organic electroluminescent device comprising an anode, a light-emitting layer as claimed in claim 2 and a cathode in this order.

14. (New) An organic electroluminescent device comprising an anode, a hole transport layer, a light-emitting layer as claimed in claim 2, an electron transport layer and a cathode in this order.

15. (New) The organic electroluminescent device as claimed in claim 2, wherein the light emission from said second organic compound is fluorescence.

16. (New) The organic electroluminescent device as claimed in claim 2, wherein said first organic compound is a transition metal complex.

PRELIMINARY AMENDMENT

U.S. Application Serial No.: National Stage of PCT JP01/04202

17. (New) The organic electroluminescent device as claimed in claim 2, wherein said first organic compound is a rare earth metal complex.

18. (New) The light-emitting material as claimed in claim 9, wherein the light emission from said second organic compound is fluorescence.

19. (New) The light-emitting material as claimed in claim 9, wherein said first organic compound is a transition metal complex.

20. (New) The light-emitting material as claimed in claim 9, wherein said first organic compound is a rare earth metal complex.

PRELIMINARY AMENDMENT

U.S. Application Serial No.: National Stage of PCT JP01/04202

**REMARKS**

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,



---

Abraham J. Rosner  
Registration No. 33,276

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037-3213  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

Date: January 21, 2002

**APPENDIX**

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS:**

The claims are amended as follows:

3. (Amended) An organic electroluminescent device comprising an anode, a light-emitting layer [described] as claimed in claim 1 [or 2] and a cathode in this order.

4. (Amended) An organic electroluminescent device comprising an anode, a hole transport layer, a light-emitting layer [described] as claimed in claim 1 [or 2], an electron transport layer and a cathode in this order.

5. (Amended) The organic electroluminescent device as claimed in [any one of claims 1 to 4] claim 1, wherein the light emission from said second organic compound is fluorescence.

6. (Amended) The organic electroluminescent device as claimed in [any one of claims 1 to 5] claim 1, wherein said first organic compound is a transition metal complex.

7. (Amended) The organic electroluminescent device as claimed in [any one of claims 1 to 5] claim 1, wherein said first organic compound is a rare earth metal complex.

10. (Amended) The light-emitting material as claimed in [claims 8 or 9] claim 8, wherein the light emission from said second organic compound is fluorescence.

11. (Amended) The light-emitting material as claimed in [any one of claims 8 to 10] claim 8, wherein said first organic compound is a transition metal complex.

PRELIMINARY AMENDMENT

U.S. Application Serial No.: National Stage of PCT JP01/04202

12. (Amended) The light-emitting material as claimed in [any one of claims 8 to 10] claim 8, wherein said first organic compound is a rare earth metal complex.

**Claims 13-20 are added as new claims.**